

**Application for SNACC Director-at-large 2022 : Entry # 42****Name**

Maria Bustillo

**Degrees**

MD, FASA

**Current Institution**

Weill Cornell Medical College

**SNACC Member Since:**

2013

**Upload Your Headshot**

- [Bustillo-Maria\\_web.jpg](#)

**Upload your CV**

- [CV-2022Maria-Bustillo-042022.pdf](#)

**Services to SNACC (limit to no more than 5 most significant services):**

- Secretary ICPNT.
- Member Executive Committee of ICPNT
- Member Clinical Affairs Committee SNACC

**Relevant leadership experience (limit to no more than 5):**

- 1. I am the Chief of the Division of Neuroanesthesiology at Weill Cornell Medical College
- 2. I am Program Director of the Neuroanesthesiology Fellowship Program.
- 3. I am the Chair of the Spotlight Session Committee at PGA/NYSSA
- 4. I am a member of the LAB at the AUA and currently working on the development of the mentorship program at the AUA.

**Your commitment to diversity, equity and inclusion (limit 50 words):**

During my career as an academic anesthesiologist and as an educator, I have valued the importance of diversity and inclusion for continued advancement of the field of medicine. As a foreign-born Hispanic woman, I have been appreciated and respected in my field and have been supported and advanced based on my performance and expertise. I have made it a priority as a Division Chief to build a diverse team of men and women professionals from a variety of ethnicities, generations and beliefs systems. I am a founding member of the Women's Mentoring Circle in my department and a member of the Leadership Advisory Board at the AUA.

**How do you envision advancing SNACC as a Director at Large (limit 150 words):**

## Application for SNACC Director-at-large 2022 : Entry # 42

I have dedicated my professional life to the clinical practice of Neuroanesthesiology and the preparation of the next generation of anesthesiologists and Neuroanesthesiology. I have been the Chief of the Division of Neuroanesthesiology and the Program Director of the Neuroanesthesiology Fellowship at Weill Cornell Medical College since 2015. At the national level, I have been member of the committees in Neuroanesthesiology and the Sub-Committee on Education in Neuroanesthesiology at the American Society of Anesthesiology for many years. At SNACC I am a member of the Clinical Affairs Committee, I am one of the founding members of the International Council of Perioperative Neuroscience Training (ICPNT) and a member of the Executive Committee at the ICPNT. As Director at Large I hope to be able to work with all the Directors to increase the footprint of the specialty and the Society even further.

### Anything else you would like considered in your candidacy (limit 50 words):

The practice Neuroanesthesiology has been a source of infinite professional satisfaction, and SNACC has provided me, my residents and my team with an incredible number of resources over the years. Having the opportunity to serve as a Director at Large would be an immense honor and responsibility and would allow me to reattribute all the good that I have received from the Society.

### Notes



#### Admin Notification (ID: 6241f2322e665)

added April 29, 2022 at 5:42 pm

WordPress was unable to send the notification email.



**WEILL CORNELL MEDICAL COLLEGE CURRICULUM VITAE FORM**

Signature (required):



Version date: 11/05/2021

**A. GENERAL INFORMATION**

**Required Information:**

Name: First, Middle, Last Maria Bustillo, MD, FASA

Office address: Weill Cornell Medical College  
Department of Anesthesiology  
P-309  
New York, NY 10065

Office telephone: 212-746-2931

Office fax: 212 746 8563

Home address: 112 East 83<sup>rd</sup> Street. Apt 8A  
New York, NY 10028

Home telephone: 212-628-0925

Cell phone: 917-536-7359

Beeper: 10758

Work Email: bustilo@med.cornell.edu

Personal Email: mariabusri@aol.com

Citizenship: US Citizen

**Optional Information (not required but helpful):**

Birth date: May 24, 1966

Birth place: Caracas, Venezuela

**B. EDUCATIONAL BACKGROUND**

**1. Academic Degree(s):**

Degree (abbreviation)	Institution Name and Location	Dates attended	Year Awarded
M.D.	Universidad Central de Venezuela. Escuela de Medicina Luis Razetti. Caracas, Venezuela	1985 - 1992	11/06/1992

**2. Post-doctoral training (include residency/fellowships):**

Title	Institution name and location	Dates held
Internship	Transitional Internship, Chestnut Hill Hospital, Philadelphia, PA	06/26/96 - 06/30/97
Residency	Anesthesiology, Columbia-Presbyterian Medical Center, College of Physicians and Surgeons of Columbia University, New York, NY. ( <b>Chief Resident</b> ) 07/99-06/00	07/01/97 - 06/30/00
Fellowship - Neuroanesthesiology	Neuroanesthesiology, Division of Neurosurgical Anesthesiology, Columbia-Presbyterian Medical Center, College of Physicians and Surgeons of Columbia University, New York, NY	07/01/00 - 06/30/01

**3. Continuing Medical Education Courses/Certificates**

Certificate or Course	Institution Name and Location	Dates attended
Healthcare Financial Management for Leaders in Academic Health Centers	Harvard T.H Chan. School of Public Health.	March 8-11, 2021
Leadership Strategies for Evolving Health Care Executives.	Harvard T.H Chan. School of Public Health.	March 12-17, 2017

New York Perioperative Haemostasis Course.	Weill Cornell Medical College.	June 7-9, 2016.
Certificate in Business Administration	American Society of Anesthesiology	Feb 22- Nov 10, 2013

**C. LICENSURE, BOARD CERTIFICATION, MALPRACTICE**

**1. Licensure:**

a. State	Number	Date of issue	Date of last registration
New York	235023-1	03/05	05/2020
Pennsylvania	E-2987	Inactive	Inactive
Arkansas		Inactive	

**b. If no license:**

1. Do you have a temporary certificate? NA
2. Have you passed the examination for foreign medical school graduates? NA

c. DEA number (optional): BB7438458

d. NPI number (optional):

**2. Board Certification:**

Full Name of Board	Certificate #	Dates of Certification (mm/dd/yyyy) – Start and End Dates
Anesthesiology Re-certification Anesthesiology	33946	January 2012 April 2001

**3. Malpractice Insurance:**

Do you have Malpractice Insurance? Yes  
Name of Provider: MCIC

Premiums paid by  
Institution (name):  
New York Presbyterian/Weill Cornell Medical College

**D. PROFESSIONAL POSITIONS AND EMPLOYMENT**

1. Academic positions:

Title	Institution name and location	Dates held
Professor of Clinical Anesthesiology	Department of Anesthesiology Weill Cornell Medicine	02/22 - present
Professor of Anesthesiology in Clinical Neurological Surgery	Department of Neurosurgery Weill Cornell Medicine	02/22 - present
Associate Professor of Clinical Anesthesiology	Department of Anesthesiology Weill Cornell Medicine	08/15 – 01/22
Associate Professor of Anesthesiology in Clinical Neurological Surgery.	Department of Neurosurgery Weill Cornell Medicine	10/16- 01/22
Associate Professor of Clinical Anesthesiology	Montefiore Medical Center Albert Einstein College of Medicine	02/13-07/15
Assistant Professor Clinical Anesthesiology	Department of Anesthesiology Weill Cornell Medicine	07/11-01/13
Assistant Professor of Anesthesiology	Department of Anesthesiology Weill Cornell Medicine	03/05-07/11
Assistant Professor of Anesthesiology	Department of Anesthesiology University of Arkansas for Medical Sciences College of Medicine	10/01-02/05

2. Hospital positions:

Title	Institution name and location	Dates held
Attending Anesthesiologist	New York Presbyterian Hospital	02/22-present
Associate Attending Anesthesiologist	New York Presbyterian Hospital	08/15-02/22
Attending Anesthesiologist	Montefiore Medical Center Albert Einstein College of Medicine	02/13-07/15
Assistant Attending Anesthesiologist	New York Presbyterian Hospital- Weill Cornell Medical Center	03/05-01/13
Attending Anesthesiologist	University of Arkansas for Medical Sciences	10/01-02/05

3. Other Employment:

Title	Institution name and location	Dates held
Rural Medicine	Ambulatorio Cotiza Ministry of Health Caracas, Venezuela	12/92-12/93
Staff	Emergency Medicine	12/93-12/94

Policlinica Santiago de Leon  
Caracas, Venezuela

**E. EMPLOYMENT STATUS (current or anticipated)**

Name of Employer(s): Weill Cornell Medical College

Employment Status (choose one, delete the others):  
Full-time salaried by Weill Cornell

**F. INSTITUTIONAL/HOSPITAL AFFILIATION**

1. Primary Hospital Affiliation: NewYork-Presbyterian Hospital/Weill Cornell Medicine

**G. PERCENT EFFORT AND INSTITUTIONAL RESPONSIBILITIES**

CURRENT % EFFORT	(%)	Does the activity involve WCMC students/researchers:
TEACHING	10	Yes
CLINICAL	60	
ADMINISTRATIVE	30	
RESEARCH	0	
TOTAL	100%	

**INSTITUTIONAL RESPONSIBILITIES**

1. Teaching :

**Didactic teaching:**

<b><u>Grand Rounds Departmental</u></b>	Dates
Grand Rounds Speaker. Department of Anesthesiology. Weill Cornell Medical College. "ERAS in Spine Surgery"	07/2020
Grand Rounds Speaker. Department of Anesthesiology. Weill Cornell Medical College. "Neurofibromatosis Type I and Kyphoscoliosis"	07/2019
Grand Rounds Speaker. Department of Anesthesiology. Weill Cornell Medical	07/2018



College. **"Anticoagulation and Neurosurgery"**

Grand Rounds Speaker, Department of Anesthesiology, Weill Cornell Medical College. **"INR and The Comprehensive Stroke Center"** 08/2017

Grand Rounds Speaker, Department of Anesthesiology, Weill Cornell Medical College, **"Stroke. American Heart Association Guidelines"** 05/2016

Grand Rounds Speaker, Department of Anesthesiology, Albert Einstein College of Medicine, Montefiore Medical Center, **"Perioperative Coagulopathy Management Update"** 03/2014

Grand Rounds Speaker, Department of Anesthesiology, Weill Cornell Medical College, **"Carotid Endarterectomy vs Carotid Stent"** 08/2012

Grand Rounds Speaker, Department of Anesthesiology, University of Arkansas for Medical Sciences, **"Anesthesia for Cerebral Aneurysm Clipping"** 02/2003

Grand Rounds Speaker, Department of Anesthesiology, University of Arkansas for Medical Sciences, **"Neurophysiological Monitoring"** 02/2002

#### **Grand Rounds Institutional**

**Visiting Professor**, Grand Rounds Speaker, Department of Neurosurgery, University of Arkansas for Medical Sciences; **"Anesthesia for Cerebral Aneurysm Clipping"**. Little Rock, AR 04/2003

#### **Lectures Departmental**

Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medical College. 03/2022

Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine. 01/2022

Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine 09/2021

Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine. 01/2021

Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine 12/2020

<b>Neuroanesthesia Questions and Board Review.</b> CA-3 year Residents. Department of Anesthesiology. Weill Cornell Medicine	12/2020
Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine	10/2020
Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine	01/2020
<b>Neuroanesthesia Questions and Board Review.</b> CA-3 year Residents. Department of Anesthesiology. Weill Cornell Medicine	11/2019
Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine	10/2019
Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine	06/2019
<b>Neuroanesthesia Questions.</b> CA-3 year Residents. Department of Anesthesiology. Weill Cornell Medicine	11/2018
Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine	06/2018
Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine	03/2018
<b>Neuroanesthesia Questions and Board Review.</b> CA-3 year Residents. Department of Anesthesiology. Weill Cornell Medicine	12/2017
Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine	09/2017
<b>Principles of Neurophysiology.</b> Neuroanesthesia Topic of the Month. Department of Anesthesiology.	07/2017
Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine	06/2017
Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine	03/2017
Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine	11/2016
<b>Neuroanesthesia Questions and Board Review.</b> CA-3 year Residents. Department of Anesthesiology. Weill Cornell Medicine	11/2016

Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine.	05/2016
Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine.	01/2016
Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine	12/2015
<b>Neuroanesthesia Questions and Board Review.</b> CA-3 year Residents. Department of Anesthesiology. Weill Cornell Medicine	11/2015
Mock Oral Exam. Mix-Teaching lectures. CA-1-CA-3 year residents. Department of Anesthesiology. Weill Cornell Medicine	10/2015
<b>Brain Death and Management of Potential Organ Donor.</b> Monday Morning Lecture. CA-2 and CA-3. Department of Anesthesiology. Montefiore Medical Center.	02/2015
<b>Neurophysiology.</b> Thursday Lecture Series. CA-1 Department of Anesthesiology. Montefiore Medical Center	10/2014
<b>Neuro-muscular Diseases. Implications in Anesthesia.</b> Monday Morning Lecture, CA-2 and CA-3. Department of Anesthesiology. Montefiore Medical Center.	07/2014
<b>Neuro-pharmacology.</b> Monday Morning Lecture. CA-2 and CA-3 Department of Anesthesiology. Montefiore Medical Center.	12/2013
<b>PBLD. Autonomic Hyperreflexia in Patients with Spinal Cord Injury.</b> Thursday Afternoon Conference Series CA-1.	09/2013
<b>Intra-operative Neurophysiologic Monitoring.</b> CA-2 and CA-3. Department of Anesthesiology. Montefiore Medical Center	08/2013
<b>Neurophysiology.</b> Lecture Series. CA-2 and CA-3. Department of Anesthesiology. Montefiore Medical Center	07/2013
<b>Neurophysiology:</b> Quarterly lecture. Anesthesiology Intern Lecture series. Department of Anesthesiology, at Weill Cornell Medical College, New York, NY	2006-2012
<b>Neuroanesthesia Written Board Review:</b> Annual Lecture. Third Year Anesthesiology Residents. Based on keywords from	2005-2012

annual In-Training Examination of The American Board of Anesthesiology. Monday Morning Teaching Conference at Weill Cornell Medical College, New York, NY

**Neurophysiology:** Annual lecture. First Year Anesthesiology Residents. Monday Morning Teaching at Weill Cornell Medical College, New York, NY 2005-2012

**Controlled Hypotension:** Annual lecture. Second Year Anesthesiology Residents. Monday Morning Teaching at Weill Cornell Medical College, New York, NY. 2006-2011

**Evoked Potential monitoring for spine surgery:** Annual Lecture. Second Year Anesthesiology Residents Monday Morning Teaching at Weill Cornell Medical College, New York, NY. 2005-2008

**Autonomic Central Nervous System:** Annual lecture for First Year Anesthesiology Residents. Morning conference at the University of Arkansas for Medical Sciences, Little Rock, AR 2002-2004

#### **Lectures Institutional**

**Pharmacology in Anesthesia. TIVA and Electrophysiology. Resident Conference. Department of Neurosurgery.** [02/2022](#)

**Pharmacology in Anesthesia. TIVA and Electrophysiology. Resident Conference. Department of Neurosurgery.** 02/2021

**Pharmacology in Anesthesia. TIVA and Electrophysiology. Resident Conference. Department of Neurosurgery.** 02/2019

**Pharmacology in Anesthesia. TIVA and Electrophysiology. Resident Conference. Department of Neurosurgery.** 02/2018

**Pharmacology in Anesthesia. TIVA and Electrophysiology. Resident Conference. Department of Neurosurgery.** 02/2017

**Perioperative Coagulopathy Management. Resident Conference. Department of Neurosurgery. Weill Cornell Medicine.** 12/2016

**Perioperative Coagulopathy Management. Resident Conference. Department of Neurosurgery. Weill Cornell Medicine.** 12/2015

#### **Mentorship:**

<p><b>Founding Member, Women’s Mentoring Circle.</b> Department of Anesthesiology. As an educator, I am keen on the obstacles that female physicians and female faculty members are facing. Last year in collaboration with two anesthesia faculty members and Dr. Ruth Gotian, Assistant Dean for Mentoring, we created the Women’s Mentoring Circle in the Department of Anesthesiology. This mentoring circle is open to all faculty members with the primary focus on the issues that are more pervasive for women. To disseminate our mentoring experience and efforts, I first-authored a peer-reviewed paper titled “A mentoring circle supports women anesthesiologists at every career stage” in collaboration with Dr. Ruth Gotian.</p>	<p>Dates 2019 - present</p>
<p><b>Mentorship.</b> Over the course of the years as an attending, I have been privileged to guide many talented young physicians. I have been a dedicated mentor and sponsor of many of my residents and junior faculty members throughout my career. For example, while I was at the University of Arkansas, I closely mentored Dr. Jennifer Anuspaugh, who was a resident. She went on to become the Interim Division Chief for Northwest Arkansas Children Hospital, and we now work as co-board examiners for the American Board of Anesthesiology. Another successful resident mentee was Dr. Veronica Carullo, who currently is Director of Pediatric Pain and another Board Examiner. Dr. Elena Christ, a former junior member of our division, now works as a faculty at the University of Southern California. Dr. Pricilla Nelson is a current member of the division of Neuroanesthesiology, and she works as an ad hoc-reviewer for ICPNT. Another successful mentee is Dr. Yara Aljabout, who currently is Program Director at the Lebanese American University and another ad-hoc reviewer for the ICPNT. I find immense joy in seeing my mentees working as a colleague in the field of the education of anesthesia and neuroanesthesia, the field of my professional passion.</p>	<p>2001-present</p>
<p><b>Mentoring sessions</b> for Oral Boards Certification with Fellows and Former Residents in Preparation for their Oral Boards Examination. Monthly.</p>	<p>2013-present</p>
<p><b>Resident Faculty Advisor:</b> Every year I have been Faculty advisor of residents in the Department. They are assigned to me at the beginning of their intern year until the end of their residency. Advisees since 2015: Harmandeep Singh fellow, Ryan Lippell fellow, Jenessa Jobs CA-3 Ana Dickstein (PGY1) and Peter Halibozek (PGY1)</p>	<p>2015-present</p>
<p><b>Faculty Advisor</b> for Fourth Year Medical Students interested in Anesthesiology.. Weill Cornell Medical College.</p>	<p>2008 – 01/13</p>

**Clinical teaching:**

	Dates
Teaching in the Operating Rooms of. Department of Anesthesiology. Weill Cornell Medicine.	08/15 - present
Teaching in the Operating Rooms. Department of Anesthesiology. Montefiore Medical Center.	2013-2015
Teaching in the Operating Rooms. Department of Anesthesiology. Weill Cornell Medical College.	2005-2013
Teaching in the Operation Rooms. Department of Anesthesiology. University of Arkansas for Medical Sciences.	2001-2005

**Administrative teaching leadership role:**

	Dates
<b>Program Director;</b> Neuroanesthesiology Fellowship.Division of Neuroanesthesiology. Department of Anesthesiology. Weill Cornell Medical College.	2015 - present
<b><u>Education Program Development</u></b> , Neuroanesthesia section curriculum for the academic year forPGY-2, PGY-3 AND PGY-4. For Residents Rotating through Neuroanesthesiology. Department of Anesthesiology. Weill Cornell Medical College.	2015 - 2017
<b><u>Education Program Development</u></b> , Neuroanesthesia for Neurosurgery. The Neuroanesthesia Lecture Series for Neurosurgery Residents. Department of Neurosurgery. Weill Cornell Medicine.	2015 - present
<b><u>Education Program Development</u></b> the Neuroanesthesia lecture series for the academic year. PGY-3 and PGY-4. Department of Anesthesiology. Montefiore Medical Center.	2013-2015
<b>Monthly Lecture Schedule:</b> Neuroanesthesia topics, for the residents rotating in Neuroanesthesiology. Department of Anesthesiology. Montefiore Medical Center.	02/2013-06/2013

**Development of the Annual Intern Lecture Series:** Scheduled the entire year of didactic lectures for the interns rotating through Anesthesiology. Department of Anesthesiology, Weill Cornell Medical College. 07/07 - -01/13

**2. Clinical care (duties, dates):**

**Clinical Activity; Clinical Program Development**

Dates

**Leader Development Team:** for the Enhance Recovery After Surgery (ERAS) Chiari Malformation Surgery Protocol. Department of Anesthesiology. In collaboration with the Department of Neurosurgery. The implementation of the protocol has increased patient satisfaction. 05/18-present

**Leader Development Team:** for the Enhance Recovery After Surgery (ERAS) Major Spine and Minor Spine Surgery Protocols. Department of Anesthesiology. In collaboration with the Department of Neurosurgery. With the ERAS program implementation we have decreased significantly the use on long-acting opioids, we have decreased the number of short-acting opioid pills prescribed of by moving toward a multimodal pain control protocol. 03/17-present

**Developed the Anesthesia AIRO protocol:** The Airo is a close intraoperative CT scanner. After a near intraoperative cardiac arrest, the protocol was developed to optimize the prompt removal of the patient out of the Airo during emergency situations. The protocol is rehearsed as a Mock Cardiac Arrest twice a year by all the members of the neurosurgical team. Our experience was published in the journal World Neurosurgery. 10/2015

**Chief,** Division of Neuroanesthesiology. Associate Attending Anesthesiologist. Department of Anesthesiology. New York-Presbyterian. Weill Cornell Medical College. 08/15-present

**Chief,** Division of Neuroanesthesiology. Department of Anesthesiology. Montefiore Medical Center. Albert Einstein College of Medicine. Bronx, NY 11/14-07/15

**Co-Director of the Perioperative Services.** Department of Anesthesiology. Montefiore Medical Center. Albert Einstein College of Medicine. Bronx, NY. 07/13-07/15

**Member,** Division of Neuroanesthesiology. Department of Anesthesiology. NewYork-Presbyterian Hospital/ Weill Cornell Medical College. New York, NY. 03/05-01/13

**Member,** Division of Neuroanesthesiology. Department of Anesthesiology. University of Arkansas for Medical Sciences. Little Rock, AR. 10/01-02/05

**Member, Attending in Charge Team. Department of Anesthesiology.** 10/01-02/05  
University of Arkansas for Medical Sciences. Little Rock, AR.

**3. Administrative Activities: Supplemental document provided listing activities divided into institutional and departmental subsets.**

**Institutional duties:**

	Dates
<b>Ad Hoc Committee Member, New CV Development.</b> Weill Cornell Medical College. New York, NY.	07/2019
<b>Senior representative</b> for the Department of Anesthesiology at the General Faculty Council. Weill Cornell Medical College. New York, NY.	07/17 - present
<b>Member, Clinical Affairs Committee.</b> General Faculty Council. Weill Medical College. New York, NY.	07/17- present
<b>Member, High Value Care Clinical Leadership Committee.</b> New York-Presbyterian Hospital.	05/19 - present
<b>Member, Multidisciplinary Inpatient Neuroscience Committee.</b> New York Presbyterian Hospital/ Weill Cornell Medical College. The committee oversees all the clinical operations and patient care of the neurology and neurosurgery patients, including intraoperative, Intensive care, step down, inpatient floor and issues associated with patient's discharge.	09/15 – present
<b>Member, Faculty Senate.</b> Albert Einstein School of Medicine. Bronx, NY.	09/14 - 07/15
<b><u>Chairperson, Ad Hoc Promotion Committee.</u></b> Albert Einstein School of Medicine. Bronx, NY.	2014
<b><u>Leader:</u></b> Epic Physician Builder for the Department of Anesthesiology. Subject Matter Expert for Epic. Epic Project. Montefiore Medical Center. Bronx, NY. In 2014 Montefiore embarked on the gigantic project of converting all the EMR systems of the institution to EPIC. I was selected by my Chair to be the person responsible for the building of all the anesthesia related components in EPIC. I trained at the EPIC headquarters in Madison Wisconsin for a month to become a Physician Builder. I was in charge of the development of all the anesthesia components; also I worked closely with other departments on the development of other areas intimately related to anesthesia like pharmacy, pediatrics, surgery and nursing.	12/13-07/15



**Member**, Surgical Quality and Improvement Committee at the **FOJP**. (Federation of Jewish Philanthropies) Member Hospitals are, Montefiore, Mount Sinai, Maimonides, Beth Israel and Bronx Lebanon. The Surgical Quality and Improvement Committee at FOJP creates, approves and oversees all the surgical quality care initiatives that apply to the entire Montefiore clinical enterprise. 04/13-07/15

**Voting Member**, Graduate Medical Education Committee. As a Program Director of the Anesthesiology Residency. NewYork-Presbyterian Hospital. Weill Cornell Medicine, New York, NY. 10/07 –11/12

**Member**, Quality Assurance (Q/A) Hospital Committee. Representative of the Department of Anesthesiology at the Hospital/ Medical School Q/A Committee. University of Arkansas for Medical Sciences. Little Rock, AR. 2002 - 2005

**Departmental duties:**

**Senior Chair** Faculty Council. Department of Anesthesiology. Weill Cornell Medical College. New York, NY. Dates 07/17 - present

**Member**, Faculty Promotion and Development Committee. Department of Anesthesiology, Weill Cornell Medical College. New York, NY. 12/16 - present

**Member**, Simulation Committee. Department of Anesthesiology. New York Presbyterian Hospital. Weill Cornell Medical College. New York, NY 10/16 - present

**Member**, Clinical Practice Committee. Department of Anesthesiology. New York Presbyterian Hospital. Weill Cornell Medical College. New York, NY 02/16 – present

**Chief, Division of Neuroanesthesiology**. Department of Anesthesiology. New York-Presbyterian Hospital. Weill Cornell Medicine The Division has 11 dedicated neuroanesthesiology faculty members and other affiliated anesthesiology faculty. As a Chief I am responsible for the daily staffing of 6 neurosurgery operating rooms in addition to two neurointerventional suites. I am also responsible for the education of the residents rotating through the Division. The Division Faculty is highly engaged in research and education. 08/15 - present

**Member**, Quality and Patient safety Committee. Department of Anesthesiology NewYork-Presbyterian Hospital. Weill Cornell Medicine. I review cases related to neuroanesthesia and neurosurgery for the committee. I am also one of the faculty involved in the development of resident-led quality initiative projects. 08/15 – present

**Member**, Clinical Practices Committee, Department of Anesthesiology NewYork-Presbyterian Hospital. Weill Cornell Medicine 08/15 – present

**Member**, Faculty Council. Department of Anesthesiology 08/15 – 07/17

NewYork-Presbyterian Hospital. Weill Cornell Medicine.

**Co-Director of Perioperative Services at the Moses Campus** Department of Anesthesiology. Montefiore Medical Center. Bronx, NY. Overseeing daily staffing of 20 operating rooms and 10 outside locations working in collaboration with the departments of nursing and surgical services. Coordinating Staff with other campuses of the Health Care System.. 03/15 – 07/15

**Chief, Division of Neuroanesthesiology**, Department of Anesthesiology. Montefiore Medical Center. Bronx, NY. The Division had 5 dedicated neuroanesthesiology faculty. Overseeing staffing of three operating rooms.. 11/14 – 07/15

**Member**, Promotions Committee. Department of Anesthesiology, Montefiore Medical Center. Bronx, NY. 04/14 – 07/15

**Associate Director of Neuroanesthesiology**. Department of Anesthesiology. Montefiore Medical Center. Bronx, NY 02/13 – 11/14

**Member**, Resident Recruitment Committee. Department of Anesthesiology. Montefiore Medical Center. Bronx, NY 07/13 – 07/15

**Member**, Education Committee. Department of Anesthesiology. Montefiore Medical Center. Bronx, NY. 07/13 – 07/15

**Member**, Q/A Committee. Department of Anesthesiology. Montefiore Medical Center. Bronx, NY 04/13- 12/14

**Director of the Residency Program**. Department of Anesthesiology. Weill Cornell Medical College. In charge of the program direction for 78 residents. In charge of resident recruitment, resident evaluation, residency administration, and compliance with ACGME rules and regulations. Responsible for the ACGME site visit in April 2010. **Developed** the electronic evaluation form according to the RIME system. 07/07 – 01/13

**Member**, Clinical Competence Committee, Department of Anesthesiology, Weill Cornell Medicine, New York, NY 10/05 – 01/13

**Member**, Educational Committee, Department of Anesthesiology, Weill Cornell Medicine, New York, NY 10/05 – 01/13

**Co-Chair** Resident Recruitment Committee, Department of Anesthesiology. Weill Cornell Medicine, New York, NY 07/07 – 01/13

<p><b>Associate Director Residency Program.</b> Department of Anesthesiology, Weill Cornell Medical College, New York, NY.  <b>Developed</b> the resident monthly evaluation system by sub-specialty, implemented July 2006.  All evaluations are monthly by sub-specialty and includes an electronic evaluation, a knowledge evaluation and a professionalism evaluation.</p>	10/05 – 07/07
<p><b>Operating Room Schedule Assignments.</b> In charge of the clinical assignments for faculty, residents, fellows and nurse anesthetists of the Department of Anesthesiology. New York Presbyterian Hospital/ Weill Cornell Medical College. New York, NY.</p>	07/06 – 01/13
<p><b><u>Chair Quality Assurance (Q/A) and and Mortality Morbidity (M&amp;M) Committee.</u></b> Department of Anesthesiology. University of Arkansas for Medical Sciences. Little Rock, AR.</p>	04/13 – 02/05
<p><b>Member</b> of the Attending in Charge team (AIC). In charge of leading the daily function and assignments of the operating rooms. Department of Anesthesiology, University of Arkansas for Medical Sciences. Little Rock, AR.</p>	11/02 – 02/05

**H. EXTRAMURAL PROFESSIONAL RESPONSIBILITIES**

i.e. - Journal Reviewer, Editorial Boards, Study Sections, Invited Presentations

Activity / Responsibility	Dates
<b><u>Regional</u></b>	
<b><u>Chair</u></b> , Spotlight Session Committee. Post-Graduate Assembly of Anesthesiology. New York State Society of Anesthesiology. New York, NY.	2022-2023
<b>Member</b> , Committee on Scientific Panels/ Post-Graduate Assembly of Anesthesiology. New York State Society of Anesthesiology.	2022-2023
<b>Member</b> , Committee of Professional Diversity. New York State Society of Anesthesiology. New York, NY	2021-2022
<b>Member</b> , Committee on Women Physicians. New York State Society of Anesthesiology. New York, NY	2021-2022

<b><u>Chair</u></b> , Committee on Miniworkshops/ Post-Graduate Assembly of Anesthesiology. As a Chair I am responsible for the organization of 29 Miniworkshop presentations. The Post-Graduate Assembly in Anesthesiology. An international meeting sponsor by the New York State Society of Anesthesiologists ,New York NY	2019-2021
<b>Member</b> , Continue Medical Education Committee. New York State Society of Anesthesiology/ Post-graduate Assembly of Anesthesiology. The committee oversees that all the activities at the meeting adhere to CME rules to continue accreditation.	2019-2022
<b><u>Vice-Chair</u></b> . Committee on Miniworkshops. Post-Graduate Assembly in Anesthesiology. New York State Society of Anesthesiology.	2018-2019
<b><u>Vice-Chair</u></b> . Resident Research Contest Committee, Post-Graduate Assembly in Anesthesiology, New York State Society of Anesthesiology. At the Resident Research Contest Committee we received over 20 abstracts from the United States and around the world. Every year we select 7 abstracts for presentation.	2016 - present
<b>Member</b> , Committee on Miniworkshops. Post-Graduate Assembly in Anesthesiology. New York State Society of Anesthesiology.	2015 - 2019
<b>Member</b> , Resident Research Contest Committee, Post-Graduate Assembly in Anesthesiology, New York State Society of Anesthesiologist.	2006 - 2016
<b><u>National</u></b>	
<b>Member. AUA Mentorship Program <del>development group,</del></b>	03/2022-present
<b>Fellow of the American Society of Anesthesiology (FASA)</b>	06/2021-present
<b>Elected Member</b> , Association of University Anesthesiologist, Leadership Advisory Board (LAB)	09/2020-09/2023
<b>Elected Member</b> , American Society of Anesthesiology representative to the Advanced Certification for Spine Surgery(ACSS) Technical Advisory Panel. Invited by the Joint Comission and the American Academy of Orthopedic Surgeons.	05/2020-10/2020
<b>Peer Reviewer</b> , Academic Medicine Journal. Journal of the Association of American Medical Colleges (AAMC)	08/2019- present
	05/2019 - present

Deleted: Committee

<b>Active Elected Member</b> , Academy of Anesthesiology.(membership by nomination and election)	12/2018 - -present
<b>Active Elected Member</b> ,Association of University Anesthesiologists (AUA).(membership by nomination and election, based on academic excellence and national recognition).	02/2018 – present
<b>Member</b> , Committee of Bylaws and Program Requirements. International Council on Perioperative Neuroscience Training. Society of Neuroscience in Anesthesiology and Critical Care. Richmond, VA.	2017 - present
<b>Member</b> , Committee on Clinical Affairs. Society of Neuroscience in Anesthesiology and Critical Care. Richmond, VA.	2017 - present
<b>Member</b> , American Society of Anesthesiology. Sub-committee on Education in Neuroanesthesiology. Schaumburg, IL	2015 – present
<b>Member</b> , Committee on Neuroanesthesiology, American Society of Anesthesiology. Schaumburg, IL	2014 - present
<b>Associate Board Examiner</b> . Oral Board Examination of the American Board of Anesthesiology. Reileigh, NC.	2014 - 2016
<b>Member</b> , American Society of Anesthesiology. Sub-committee on Education in Neuroanesthesiology. Schaumburg, IL	2014 - present
<b>Peer Reviewer</b> . MedEdPORTAL. Publications. Association of American Medical Colleges (AAMC).	2014 - present
<b>External Reviewer</b> of the Association of American Medical Colleges (AAMC) Medical Education Meeting.	2014 - present
<b><u>International</u></b>	
<b><u>Secretary</u></b> , International Council on Perioperative Neuroscience Training. (ICPNT). <a href="http://www.ICPNT.net">www.ICPNT.net</a> . Elected by the Executive Committee Members.	09/2021-present
<b>Peer Reviewer</b> , World Neurosurgery Journal.	07/2020- present
<b>Peer Reviewer</b> , British Journal of Anaesthesia. Journal of the Royal College of Anaesthetists and The College of Anaesthetists of Ireland. Founded in 1923.	10/2019 - present
<b>Executice Committee Member</b> , International Council on Perioperative Neuroscience Training. (ICPNT). <a href="http://www.ICPNT.net">www.ICPNT.net</a> I was selected as one of the founding members of the Council. The ICPNT is focused on accrediting	10/2018 - present

fellowship training programs in neuroanesthesiology at an international level. Our charter and program requirements are thus written in a manner which we expect will cross national and international boundaries, while still describing and standardizing what we consider to be requirements for training programs.

#### **Regional Presentations**

Lecture, New York Academy of Medicine, New York, NY; **“Cognitive Dysfunction and Emboli Associated with Orthopedic Surgery in Elderly Patients”**. New York, NY. May 15, 2001

#### **National Presentations**

**Moderator and Speaker**, Spotlight Session. **Stroke Update**. 75<sup>th</sup> Post Graduate Assembly of Anesthesiology, New York State Society of Anesthesiology. New York, NY. Dec 11, 2021

**Moderator Panel**, Tranexamic Acid and the Neurosurgical Patient: How Effective it is? And Is It Safe?. American Society of Anesthesiology Meeting. San Diego, California. Oct 12, 2021

**Junior Faculty Mentorship/Sponsorship Networking Session**, Association of University Anesthesiologists Annual Meeting. ( Small group discussion hosted by senior faculty on their area of expertise) May 13, 2021

**Moderator Panel**, Tranexamic Acid and the Neurosurgical Patient: How Effective it is? And Is It Safe?. American Society of Anesthesiology Meeting. (The panel was accepted for presentation by peer review but due to the constraints of the virtual meeting was not presented) . Oct 6, 2020

**Visiting Professor and Grand Rounds Speaker**, Department of Anesthesiology, VA Boston Health Care System.. **“ERAS for Spine Surgery and the Opioid Epidemic”**. Botton, MA Feb 28, 2020

**Visiting Professor and Grand Rounds Speaker**, Department of Anesthesiology, Tufts University Medical Center, **“ERAS for Spine Surgery and the Opioid Epidemic”**. Boston, MA Feb 27, 2020

**Speaker**\_Miniworkshop. **“Perioperative Coagulation Management Update and Massive Blood Loss Management”** 73<sup>rd</sup>. Post Graduate Assembly of Anesthesiology, New York state society of anesthesiology. New York City, NY Dec 13, 2019

<b><u>Visiting Professor and Grand Round Speaker</u></b> , Department of Anesthesiology, University of Mississippi, “ERAS for Spine Surgery and the Opioid Epidemic”. Jackson, MS.	Sep 18, 2019
<b>Speaker. “ERAS for Spine Surgery”.</b> Invited <i>Guest</i> of the Academy of Anesthesiology. Casa Monica Resort. St. Augustine, Florida.	Feb 23, 2019
<b>Speaker_</b> Miniworkshop. “ <b>Perioperative Coagulation Management Update and Massive Blood Loss Management</b> ”72 <sup>nd</sup> . Post Graduate Assembly of Anesthesiology, New York State Society of Anesthesiology. New York, NY.	Dec 7,2018
<b>Speaker_</b> Miniworkshop. “ <b>Perioperative Coagulation Management Update and Massive Blood Loss Management</b> ” 71 <sup>st</sup> . Post Graduate Assembly of Anesthesiology, New York State Society of Anesthesiology. New York, NY.	Dec 8, 2017
<b>Speaker_</b> Miniworkshop. “ <b>Perioperative Coagulation Management Update and Massive Blood Loss Management</b> ” 70 <sup>th</sup> . Post Graduate Assembly of Anesthesiology, New York State Society of Anesthesiology. New York, NY.	Dec 9, 2016
<b>Self Study Program:</b> Faculty: <b>Maria Bustillo, MD</b> and Alana Flexman, MD. American Society of Anesthesiology 2016. Chicago. “ <b>Perioperative Management of Hemostasis and Anticoagulation in Neurosurgery</b> ” Chicago, IL.	Oct 22-23/2016
<b>Speaker_</b> Miniworkshop. “ <b>Perioperative Coagulation Management Update and Massive Blood Loss Management</b> ” 69 <sup>th</sup> . Post Graduate Assembly of Anesthesiology, New York State Society of Anesthesiology. New York, NY.	Dec 11, 2015
<b><u>Visiting Professor and Grand Rounds Speaker</u></b> , Department of Anesthesiology, George Washington University Hospital; “ <b>Anesthetic Management for Cerebral Aneurysm Clipping and Coiling</b> ”. Washington, DC,	November 18, 2015
<b><u>Visiting Professor and Grand Rounds Speaker</u></b> , Department of Anesthesiology, Cooper Hospital, Rowan University; “ <b>Anesthetic Management for Cerebral Aneurysm Clipping and Coiling</b> ”. Philadelphia, PA	January 20, 2015
<b>Speaker_</b> Miniworkshop. “ <b>Perioperative Coagulation Management Update and Massive Blood Loss Management</b> ” 68 <sup>th</sup> . Post Graduate Assembly of Anesthesiology, New York State Society of Anesthesiology. New York, NY.	Dec 12, 2014

**Speaker\_** Miniworkshop. **“Perioperative Coagulation Management Update and Massive Blood Loss Management** 67th. Post Graduate Assembly of Anesthesiology, New York State Society of Anesthesiology. New York, NY. Dec 13, 2013

**Speaker\_** Miniworkshop. **“Perioperative Coagulation Management Update and Massive Blood Loss Management** 66th. Post Graduate Assembly of Anesthesiology, New York State Society of Anesthesiology. New York, NY. Dec 14, 2012

**Visiting Professor and Grand Round Speaker**, Department of Anesthesiology, Boston University, August 6, 2012; **“Carotid Endarterectomy vs Carotid Stent”**. Boston, MA, August 6, 2012

**Speaker\_** Miniworkshop. **“Perioperative Coagulation Management Update and Massive Blood Loss Management** 65th. Post Graduate Assembly of Anesthesiology, New York State Society of Anesthesiology. New York, NY Dec 8, 2011

**Speaker\_** Miniworkshop. **“Perioperative Coagulation Management Update and Massive Blood Loss Management** 64th. Post Graduate Assembly of Anesthesiology, New York State Society of Anesthesiology. New York, NY Dec 9, 2010

**Speaker\_** Miniworkshop. **“Perioperative Coagulation Management Update and Massive Blood Loss Management** 63rd. Post Graduate Assembly of Anesthesiology, New York State Society of Anesthesiology. New York, NY Dec 10, 2009

**Speaker\_** Miniworkshop. **“Perioperative Coagulation Management Update and Massive Blood Loss Management** 62nd. Post Graduate Assembly of Anesthesiology, New York State Society of Anesthesiology. New York, NY Dec 12, 2008

**Speaker\_** Miniworkshop. **“Perioperative Coagulation Management Update and Massive Blood Loss Management** 61st. Post Graduate Assembly of Anesthesiology, New York State Society of Anesthesiology. New York, NY Dec 14, 2007

**Speaker\_** Miniworkshop. **“Perioperative Coagulation Management Update and Massive Blood Loss Management** 60th. Post Graduate Assembly of Anesthesiology, New York State Society of Anesthesiology. New York, NY Dec 8, 2006

May 24, 2001



**Speaker, “Cognitive Dysfunction and Emboli Associated with Orthopedic Surgery in Elderly Patients”.** “Outcomes, The Key West Meeting”, Key West, FL;

#### **International Presentations**

**Speaker.** Lecture, “**Anesthetic Management for Carotid Stenosis**”.American-Austrian Foundation-Open Medical Institute. Salzburg, Austria. September 1, 2011

**Speaker.** Lecture, “**Anesthesia for Cerebral Aneurysm Clipping and Coiling**”.American-Austrian Foundation-Open Medical Institute. Salzburg, Austria. September 1, 2011

**Speaker.** Lecture, “**Perioperative Coagulation Management Update**”. American-Austrian Foundation-Open Medical Institute. Salzburg, Austria. August 30, 2011

**Speaker.**Lecture,“**Anesthesia Considerations for Spine Surgery**” August 30, 2011  
American-Austrian Foundation-Open Medical Institute. Salzburg, Austria.

#### **Invited Moderator:**

**Moderator:** Medically Challenging Cases. American Society of Anesthesiologists Annual Meeting. Virtual Oct 2-5,2020

**Moderator:** Medically Challenging Cases. American Society of Anesthesiologists Annual Meeting. Orlando, FL. Oct 19, 2019

**Moderator:** Medically Challenging Cases. American Society of Anesthesiologists Annual Meeting. San Francisco, CA Oct 13, 2018

**Moderator:** Medically Challenging Cases. American Society of Anesthesiologists Annual Meeting. Boston, MA Oct 21, 2017

**Poster Moderator,** New York State Conference for Anesthesia Residents and Fellows (NYSCARF) During the Postgraduate Assambly of Anesthesiology (PGA) (67<sup>th</sup>- 69<sup>th</sup> ) New York, NY. 2013-2015

**I. PROFESSIONAL MEMBERSHIPS**

Member/Officer/Fellow/Role	Organization	Dates
Member	Association of University Anesthesiologists	2018-present
Member	Academy of Anesthesiology	2019-present
Member	New York State Society of Anesthesiology.	1997-present
Member	American Society of Anesthesiology.	1997-present
Member	Society of Neuroscience in Anesthesiology and Critical Care.	2000-present
Member	Society of Education in Anesthesia	2011-2014
Member	Arkansas Society of anesthesiology	2001-2005

**J. HONORS AND AWARDS**

Name of award	Date awarded
<b><u>Elected to the Membership</u></b> of the Academy of Anesthesiology. Election is by sponsorship and invitation. Members include presidents and distinguished service awardees of the American, Canadian, British and Irish societies of anesthesiologists.	May 19, 2019
<b><u>Elected to the membership</u></b> of the <i>Association of University Anesthesiologists (AUA)</i> .Election is by nomination and based on national recognition of academic excellence.	Dec 12, 2018
<b><u>QPStar</u></b> - for outstanding contributions in quality and patient safety. New York-Presbyterian Hospital, New York, NY.	June 4, 2010
<b><u>Five Star Spirit Award</u></b> . Recognized for demonstrating the Five Star Criteria of: Competence, Reliability, Honesty and Enthusiasm. University of Arkansas for Medical Sciences, Little Rock, AR.	Nov 9, 2004

## K. **BIBLIOGRAPHY**

### 1. **Articles in professional peer-reviewed journals:**

1. Chakraborty I, **Bustillo MA**, Burbridge M, Vacas S, Venkatraghavan L, Lele AV. ERAS for Craniotomy. National Guidelines from The Clinical Affairs Committee. Society of Neuroscience in Anesthesiology and Critical Care. Submitted to the BOD of the Society of Neuroanesthesiology..
2. Rajan S, **Bustillo M**, Lee C, Kofke A. Standardization of Neuroanesthesia Education: Need of the Hour and the Way Forward. Neuroanesthesia. *Curr Anesthesiol Rep.*(2021) <https://doi.org/10.1007/s40140-021-00477-y>. PMID: 34720755
3. Blacker SN, Vincent A, Burbridge M, **Bustillo MA**, Hazard SW, Heller BJ, Nadler JW, Sullo E, Lele AV. "Perioperative Care of Patients Undergoing Major Complex Spinal Instrumentation Surgery: Clinical Practice Guidelines from the Society for Neuroscience in Anesthesiology and Critical Care". *J Neurosurg Anesthesiol.* 2021 Sep 6. doi: 10.1097/ANA.0000000000000799. Online ahead of print.PMID: 34483301
4. Golberg JL, **Bustillo M**, Usenko JK, Kuo P, Kirnaz S, Carnevale JA, Schwarz JT, McGrath L et al. Intraoperative simulation: team training for resuscitation while using intraoperative computed tomography. *Oper Neurosurg.* 2021 Aug 25;opab308. PMID: 34432875
5. Lui B, Fogarty-Mack P, **Bustillo MA**, Weinberg R, White RS. Impact of preoperative opioid use disorder on outcomes following lumbar-spine surgery: A multistate analysis, 2007-2014. *Clin Neurol Neurosurg.* 2021 Aug 3;208:106865. <https://doi.org/10.1016/j.clineuro.2021.106865>. Online ahead of print. PMID: 34388600
6. Nelson P, **Bustillo MA**. Anesthesia for Carotid Endarterectomy, Angioplasty and Stent. Neuroanesthesia. Anesthesiology Clinics. Lien and Kirsch eds. *Anesthesiology Clinics*, 2021-03-01, Volume 39, Issue 1, Pages 37-51. PMID: 33563385
7. Thamjamrassri T, Yuwapattanawong K, Chanthima P, Vavla M, Lele AV, the **EVDPoP Study Collaborators**. A Narrative Review of the Publish Literature, Hospital Practices and Policies Related to External Ventricular Drains in the United States: The External Ventricular Drain Publications, Practices and Policies (**EVDPoP**) Study. *J Neurosurg Anesthesiol.* 2020 May. Doi: 10.1097/ANA.0000000000000694. PMID: 32467476
8. Lui B, Fogarty-Mack P, **Bustillo MA**, Weinberg R, White RS. Impact of Social Determinants of Health in Lumbar Spine Surgical Outcomes. *Clin Neurol Neurosurg.* 2020 Jul; 194:168-2.105825. PMID: 32278268

9. Lele AV, Mills B, Qiu Q, Schloemerkerper N, Naik BI, Williams J, Venkat-Raghavan L, Vavilala MS; **EVD Aware Study Collaborators**. International Multicenter Survey of Perioperative Management of External Ventricular Drains: Results of the **EVD Aware Study** *J Neurosurg Anesthesiol*. 2020 Apr; 32(3):132-139. PMID: 30893282. 5 Citations
10. **Bustillo M**, Gotian R. Mentoring of Women in Anesthesiology. How a Mentoring Circle Supports Female Anesthesiologists at Every Career Stage. *British Journal of Anaesthesia*. 2020 Mar;124(3):190-191. PMID: 31982113. 5 Citations
11. **Bustillo MA**, Hussain I, Virk MS, Fu KM, Scharoun J. Scoliosis Repair with one Ventricle: A Multispecialty Approach. *World Neurosurgery*. 2020 Feb; 134: 302-307. PMID: 31715418
12. **MA Bustillo**, CA Lien, P Fogarty-Mack, et al. Optimizing patient access during an emergency while using intraoperative computed tomography. *World Neurosurgery*. 2019 Jan; 121:274-278. PMID:30266700. 1 citation
13. A Kisilevsky, A Gelb, **M Bustillo**, AM Flexman. Anaemia and Red Blood Cell Transfusion in Intracranial Neurosurgery: A Narrative Review. *British Journal of Anaesthesia*. 2018; 120(5):988-998. PMID:29661416. 21 Citations
14. S Aljohani, **MA Bustillo**, S Pisklakov. Horace Wells and His House in 120 Chambers St in New York City. *J Anesth Hist* 2016 Jan; 2(1):28-9. PMID:26898143. 5 Citations
15. **MA Bustillo**, B Fitzsimmons, EJ Heyer, MF Berman, AD Finck, et. al. Dexmedetomidine versus Propofol: Effect on Cognitive Testing During Endovascular Embolization of Cerebral Arteriovenous Malformations. *J Neurosurgical Anesthesiology* 2002;14(3):209-212. PMID:12172293. 75 Citations
16. RM Lazar, B-F Fitzsimmons, RS Marshall, M Berman, **MA Bustillo**, WL Young, et. al., Re-Emergence of Stroke Deficits with Midazolam Challenge: Peeling the Onion of Neuronal compensation. *Stroke* 2002; 33(1):283-285 PMID:11779924. 128 Citations

## **2. Letters:**

1. Armstead V., Bucklin B., **Bustillo M**, Hastie M., Lanefall M, Leffert L, et al. Letter to the Editor- On the Importance of Language in Reports Discussing Racial Inequities. *Anesth Analg*. 2021 Jun 1;132(6):e117-e118. PMID 34032683.
2. A Kisilevsky, A Gelb, **M Bustillo**, AM Flexman. Response: Patient Blood Management in Intracranial Neurosurgery- Do we have sufficient data to define a transfusion threshold? *British Journal of Anaesthesia*.2018;121(4):974-976. PMID:30236265

## **3. Book Chapters:**

1. **MA Bustillo**, T Vecchione (2014) Neuropharmacologic Agents for Neurological Conditions. Essentials of Pharmacology in Anesthesia, Pain Medicine and Critical Care with Black Box Warnings. 1<sup>st</sup> Edition. Kaye, Urman eds. Springer Press. USA; pages 485-502.
2. AE Abramowicz, **MA Bustillo** (2014) Anesthesia for Cervical Spine Cord Trauma. Anesthesiology for Trauma: New Evidence and New Challenges. 1<sup>st</sup> Edition. Scher ed. Springer Press. USA; pages: 167-192
3. **MA Bustillo** (2013) Extracranial Procedures-Spine Surgery. Fundamentals of Neuroanesthesia (A Physiologic Approach to Clinical Practice), 1<sup>st</sup> Edition. Ruskin, Rosebaum and Rampil, eds., Oxford University Press. USA; pages: 246-255
4. **MA Bustillo**, CA Lien (2011) Carotid Endarterectomy, Anesthesiology - Problem Oriented Patient Management, 7<sup>th</sup> edition. Yao and Artusio, eds., Lippincot Williams and Wilkins, Philadelphia, PA; pages 477-506.
5. **MA Bustillo**, CA Lien (2008) Carotid Endarterectomy. Anesthesiology - Problem Oriented Patient Management, 6<sup>th</sup> edition. Yao and Artusio, eds., Lippincot Williams and Wilkins, Philadelphia, PA; pages 548-557

#### **4. Educational Products Developed**

2016. E-learning Module. Self-Study Program. "Perioperative Management of Hemostasis and Anticoagulation in Neurosurgery" *Produced by American Society of Anesthesiology*. ASA Website. Faculty: **Maria Bustillo, MD** and Alana Flexman, MD.

([https://education.asahq.org/totara/mod/scorm/player.php?a=113&currentorg=Perioperative\\_Management\\_of\\_Hemostasis\\_and\\_Anticoagulation\\_in\\_Neurosurgery\\_ORG&scoid=24](https://education.asahq.org/totara/mod/scorm/player.php?a=113&currentorg=Perioperative_Management_of_Hemostasis_and_Anticoagulation_in_Neurosurgery_ORG&scoid=24))

#### **5. Abstracts:** Optional, list 10-20 best or most recent only.

1. **MA Bustillo**, (2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018 and 2019) Perioperative Coagulopathy Management Update. **Syllabus Post Graduate Assembly 60 through 73rd**, New York State Society of Anesthesiology.
2. **MA Bustillo**, EJ Heyer, K Lee, W Silverstein, OA Necessian, HA Kiernan, et. al., (2002) Cognitive Dysfunction and Emboli Associated with Orthopedic Surgery in Elderly Patients. **Ann Thor Surgery** 2002;73:368.
3. RM Lazar, BF Ftzsimmons, RS Marshall, **MA Bustillo**, J Liff. Reemergence of Transient Neurological Deficit with Midazolam Challenge. **Neurology** 2001; 56(8):A162-A163.

#### **6. Poster Presentations:**

1. Blacker SN, Vincent A, Burbridge M, **Bustillo MA**, Hazard SW, Heller BJ, Nadler JW, Sullo E, Lele AV "Spine Enhanced Recovery, Best Practice, and Levels of Evidence for each Pathway

Element". Society of Neurosciences in Anesthesiology and Critical Care 49th Meeting. September 11<sup>th</sup>2021. Oral Presentation.

2. C Lee, L Jameson, R Avitsian, L Ferrario, S Rajan, A Flexman, **M Bustillo**, R Valero, WA Kofke. A New Accreditation Process FOR International Fellowships: International Council for Perioperative Neuroscience Training. American Society of Anesthesiology Annual Meeting Virtual. October 3<sup>rd</sup> 2020
3. A. Milewski, **MA Bustillo**, R. Weinberg, P. Mack, R. White."Preexisting Opioid Use Disorder And Outcomes After Lumbar-spineSurgery: A Multistate Analysis, 2007 2014" Oral Presentation. American Society of Anesthesiology Annual Meeting, Virtual. Monday October 5<sup>th</sup> 2020.
4. S.N. Blacker, MD, A. Vincent, MD, M. Burbridge, MD, **M. Bustillo, MD**, S.W. Hazard, MD, B.J. Heller, MD, J.W. Nadler, MD, PhD, E. Sullo, MLS, MAEd, A.V. Lele, MBBS, MD, MS, FNCS. Spine Enhanced Recovery Elements and Level of Evidence. Oral Presentation. Society of Neuroscience in Anesthesiology and Critical Care Annual Meeting. September 13<sup>th</sup> 2020.
5. C Lee, L Jameson, R Avitsian, L Ferrario, S Rajan, A Flexman, **M Bustillo**, R Valero, WA Kofke. A New Accreditation Process FOR International Fellowships: International Council for Perioperative Neuroscience Training. Oral Presentation. Society of Neuroscience in Anesthesiology Annual Meeting, Virtual. September 12<sup>th</sup> 2020
6. P. Mack, A. Patsalides, D Calfee, S Clock, **MA Bustillo**. Assessment and Re-Design of the INR Suite During COVID-19 Pandemic. Oral Presentation. Society of Neuroscience in Anesthesiology Annual Meeting, Oral presentation.Virtual. September 13<sup>th</sup> 2020.
7. **MA Bustillo**, Cynthia A. Lien, Patricia Fogarty Mack et al. Optimizing patient access during an emergency when using intraoperative computed tomography. Weill Cornell Medical College. Poster presentation. Society for Neuroscience in Anesthesiology and Critical Care Meeting, Friday October 20<sup>th</sup> 2017.Boston.
8. Sara M. Aljohani, M.D., Sergey Pisklakov, M.D., **Maria Bustillo**, M.D., Louvonia Boone, M.D.. Perioperative Management of a Patient with PAI-1 Gene 4G/5G Genotype for Intracranial Hematoma Evacuation. Anesthesiology, Albert Einstein College of Medicine, Bronx, NY, USA. Medically Challenge Case Presentation. ASA Meeting. Saturday, October 24th 2015. San Diego.
9. Sara M. Aljohani, M.D., **Maria A. Bustillo**, M.D., Elisabeth Abramowicz, M.D., Sergey Pisklakov, M.D.. Horace Wells and His House on 120 Chambers Street in New York City. Anesthesiology, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA,2 Poster Discussion. History and Education. ASA Meeting. Saturday. October 24th 2015. San Diego
10. Sara M. Aljohani, M.D., Sergey Pisklakov, M.D., **Maria Bustillo**, M.D., Jamie Bozentka, M.D.. Epidural Anesthesia for Endovascular Repair of Aortic Aneurysm: A Resonable Alternative to a General Anesthetic in a Patient with Chronic Obstructive Pulmonary Disease.

Anesthesiology, Albert Einstein College of Medicine, Bronx, NY, USA. Medically Challenging Case. ASA Meeting. Sunday October 25th. San Diego.

11. Leung W, Kopman D, Hartl R, Boockvar J, Weisberg S, **Bustillo M**, Goldstein P, Lien C, Mack P, Pryor K, Shah S, Yeung AC, Hemmings H. A prospective observational study to evaluate perioperative coagulation profiles using rotational thromboelastometry (ROTEM) in patients undergoing multi-level spine surgery. Poster presented at New York-Presbyterian Hospital/Weill Cornell Medical College Department of Anesthesiology Research Exposition; 2009 Dec 10; New York, NY.
12. Solomon S, Pryor KO, Mack P, Lien C, **Bustillo M**, Snow RB, Lavyne MH. Safety of Direct Laryngoscopy as a Preferred Intubation Technique in Cervical Spinal Stenosis: A Retrospective Analysis of 615 Patients. American Association of Neurosurgeons/Congress of Neurological Surgeons Spine Section 24th Annual Meeting, 2008 February 27-March 1; Orlando, Florida.

#### **7. Other Publications (letters, communications)**

Dorothea S. Rosenberger, Elizabeth Abramowicz, **Maria A. Bustillo**, W. Andrew Kofke with ASA Committee of Neuroanesthesia. **Updated Guidelines for Management of Severe Traumatic Brain Injury (sTBI)**. **ASA Monitor**. December 2017. Vol 81, 38-40.